

Sencity® Omni-SR Antenna 1356.17.0043

Description

Compact omni-directional indoor antenna for WiFi-2 / Wi-Fi 5 applications.
 Supports the 4.9 to 5.935 GHz bands.
 Rugged design, meets EN 50155 railway standard.
 Fire retardant acc. to DIN 5510-2, BS 6853, EN 45545-2, NFPA130
 Single hole mounting.



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	4900 - 5935
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	3
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	25
Composite power max (W)	300
Ambient temperature (°C)	25
Vertical electrical tilt (°)	20

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

	Band 1
Port 1	X

General Data

Mechanical Data

Dimensions (mm)	43 x 86 (Height x Diameter)
Weight (kg)	0.3
Included mounting material	Wall mounting material

Single hole mounting. Provides also break-through mounting holes.

Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
Flammability rating	UL 94-V0
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
Lead-free soldered	yes
WEEE 2012/19/EU	no special marking needed

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REACH 1907/2006/EC

compliant

EN 50155:2007 (Environmental tests).

Radom material complies with UL-94-V-0.

Flammability rating: DIN 5510-2, BS 6853, EN 45545-2, NFPA130

Material Data

Radome colour

RAL 9010 (white)

Radome material

PC (Polycarbonate)

Back plate/base plate material

Aluminium

Related Products

9091.99.0221 Omni Antenna Ceiling Bracket

Related Documents

Mounting instruction

DOC-0000247533

Painting instruction

DOC-0000256180

Security instruction

DOC-0000278984

Outline drawing

DOU-00094725

3D-model

DOC-0000362773